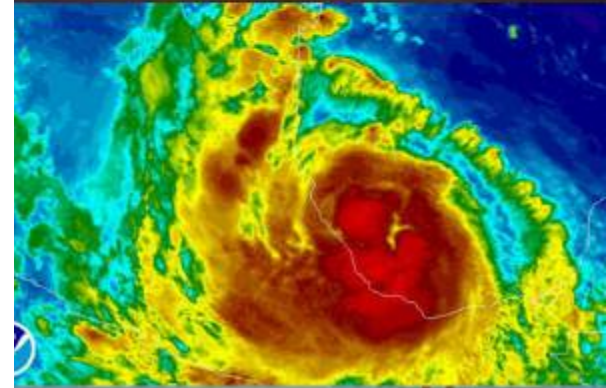


DHS Science & Technology Directorate

Interagency & First Responder Division

Mary Hanson
Director, Southern Region
Interagency Coordination



Homeland
Security



Just what is

“interagency coordination??”



**Homeland
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Intra-?

Inter-?

Interminable??



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Extending The Reach ...

- Because Congress tells us to...
- Because our budgets have limits...
- Because duplication exists...
- Because the taxpayers deserve it...

Because it's the right thing to do



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On The Road & Face to Face

Examples – Hanson Travel - NOV07-NOV08

- Joint Combat Technology Demonstration (JCTD) Conference
– Northern Command - Denver CO - DEC07
- FEMA RIV Regional Interagency Steering Committee (RISC) Meeting
– *Atlanta GA* - FEB08
- Y12 DOE Facility – Site Visit - *Oakridge TN* – FEB08
- FEMA RVI RISC Meeting – *Denton TX* – MAR08
- Navy Expeditionary Force Conference – Virginia Beach VA – MAR08
- Naval Surface Warfare Center – Site Visit - *Panama City FL* – MAR08
- S&E Tech Conference/DoD Tech Expo – *Charleston SC* – APR08
- JCTD Conference – Central Command - *Tampa FL* - APR08
- Bilateral Maritime Domain Awareness Exercise – Sweden – MAY08
- JCTD/S&T Conference – Southern Command – *Miami FL* – JUN08
- SERRI Semi Annual Review – *Jackson MS* – SEP08
- UAV Symposium & Expo – *San Antonio TX* – OCT08
- Center for Domestic Preparedness – *Anniston AL* – Site Visit – OCT08
- FEMA RVI RISC) Meeting – *Denton TX* – NOV08
- SpecOps East Warfighter Expo – *Fayetteville NC* – NOV08



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And in Washington D.C.,

“the” interagency forum for S&T ...

NSTC



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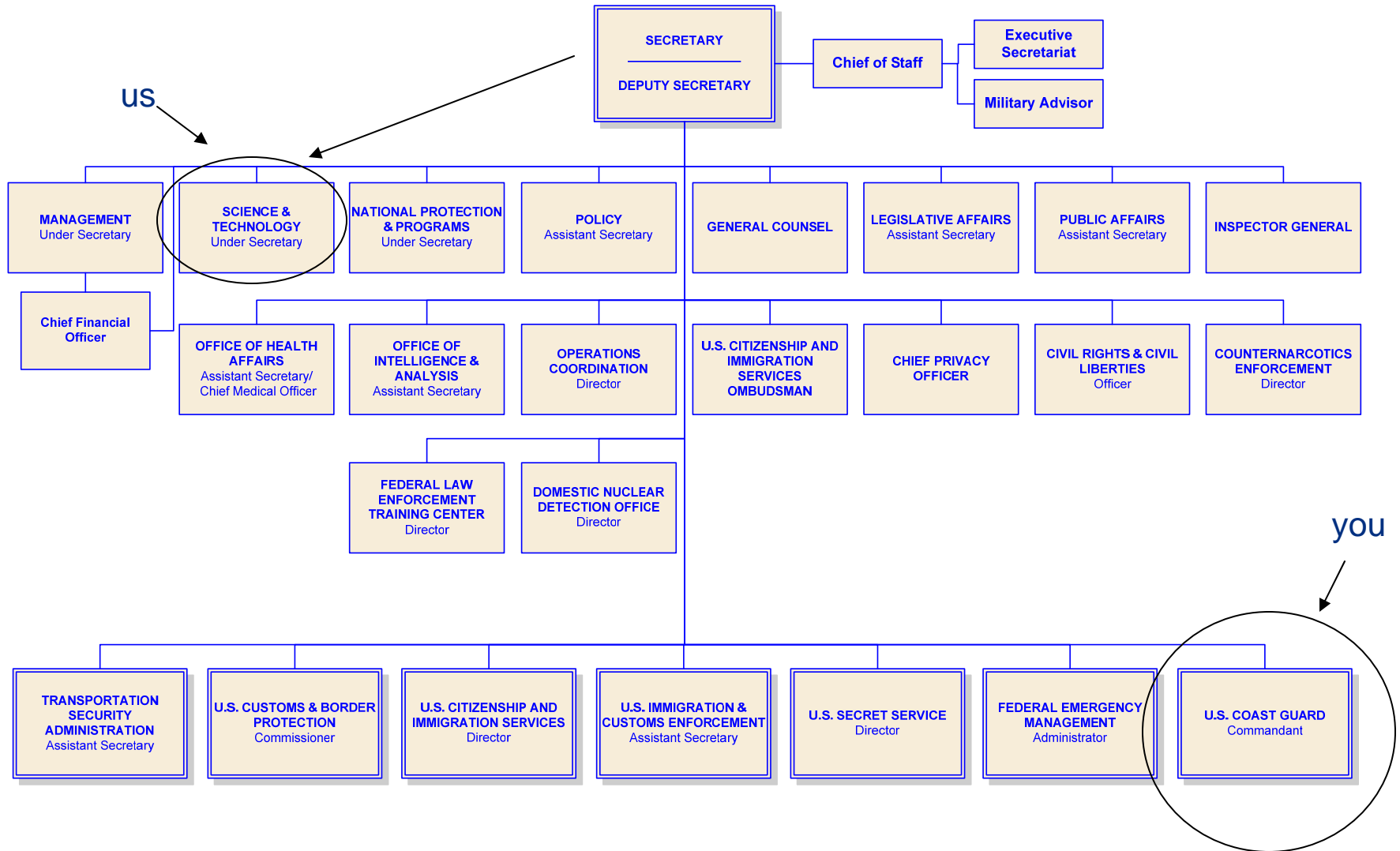
Where we fit in ...

What we look like ...

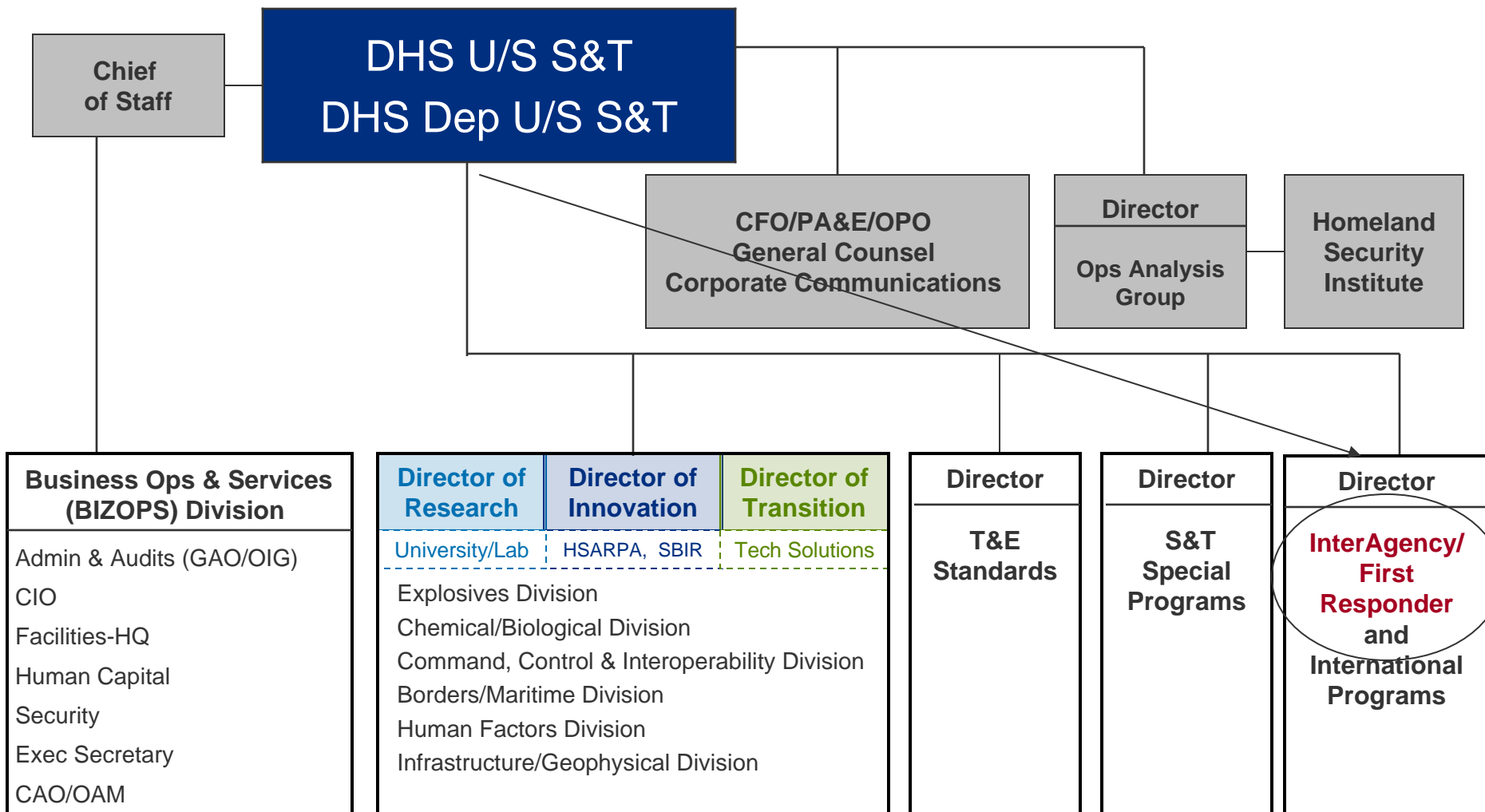


**Homeland
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U.S. DEPARTMENT OF HOMELAND SECURITY



DHS S&T Directorate



Homeland Security



Interagency/First Responder Programs

DHS S&T Interagency & First Responder Division 2008

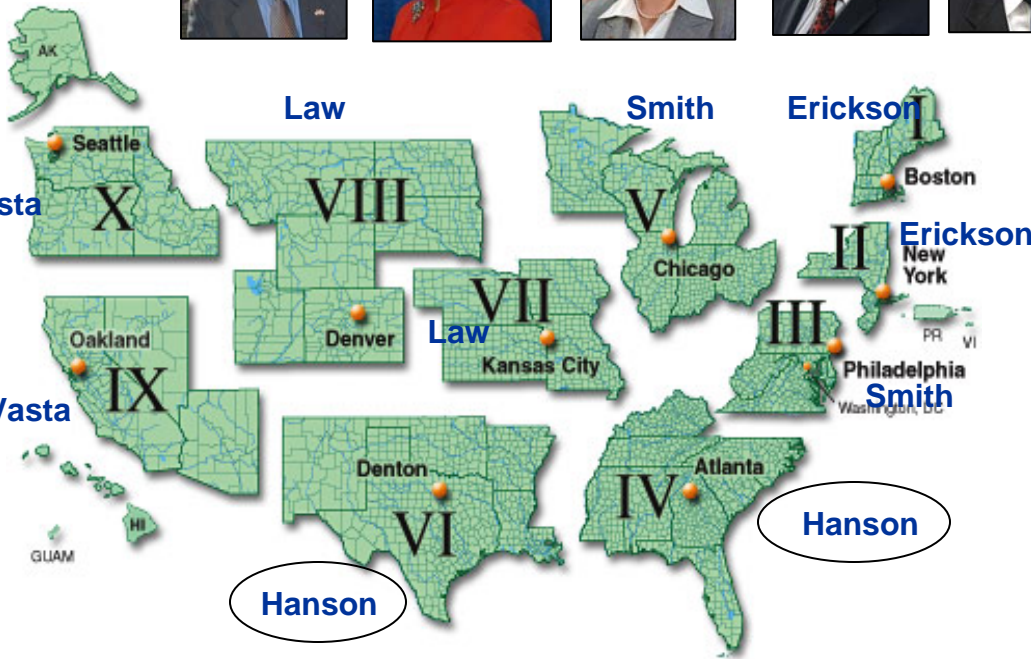
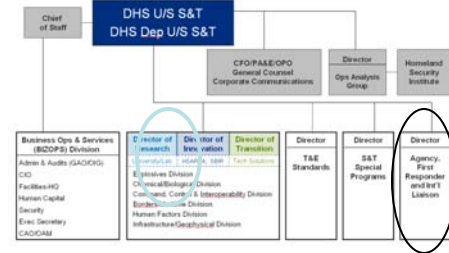
Randel Zeller, SES Division Director

Bray Barnes, SES First Responder Coordination

Me



DHS S&T Directorate



Principal Partners:
First Responder Associations;
 OSD; NORTHCOM, SOUTHCOM, CENTCOM, JFCOM, STRATCOM;
 DOJ; National Guard Adjutants General – National Guard Bureau;
 DHS Labs; DOE National Labs;
 FEMA Regional Administrators;
 DHS-OIP’s PSAs; CA Governor’s Office; NV Governor’s Office

Interagency Assignments

Division Assignments:

Explosives and Human Factors (EXD & HFD)
Infrastructure/Geo and Chem/Bio (IGD & CBD)
Borders/Maritime and C21 (BMD & CID)
Corp. Comm Support – West Coast
Corp. Comm Support - East Coast

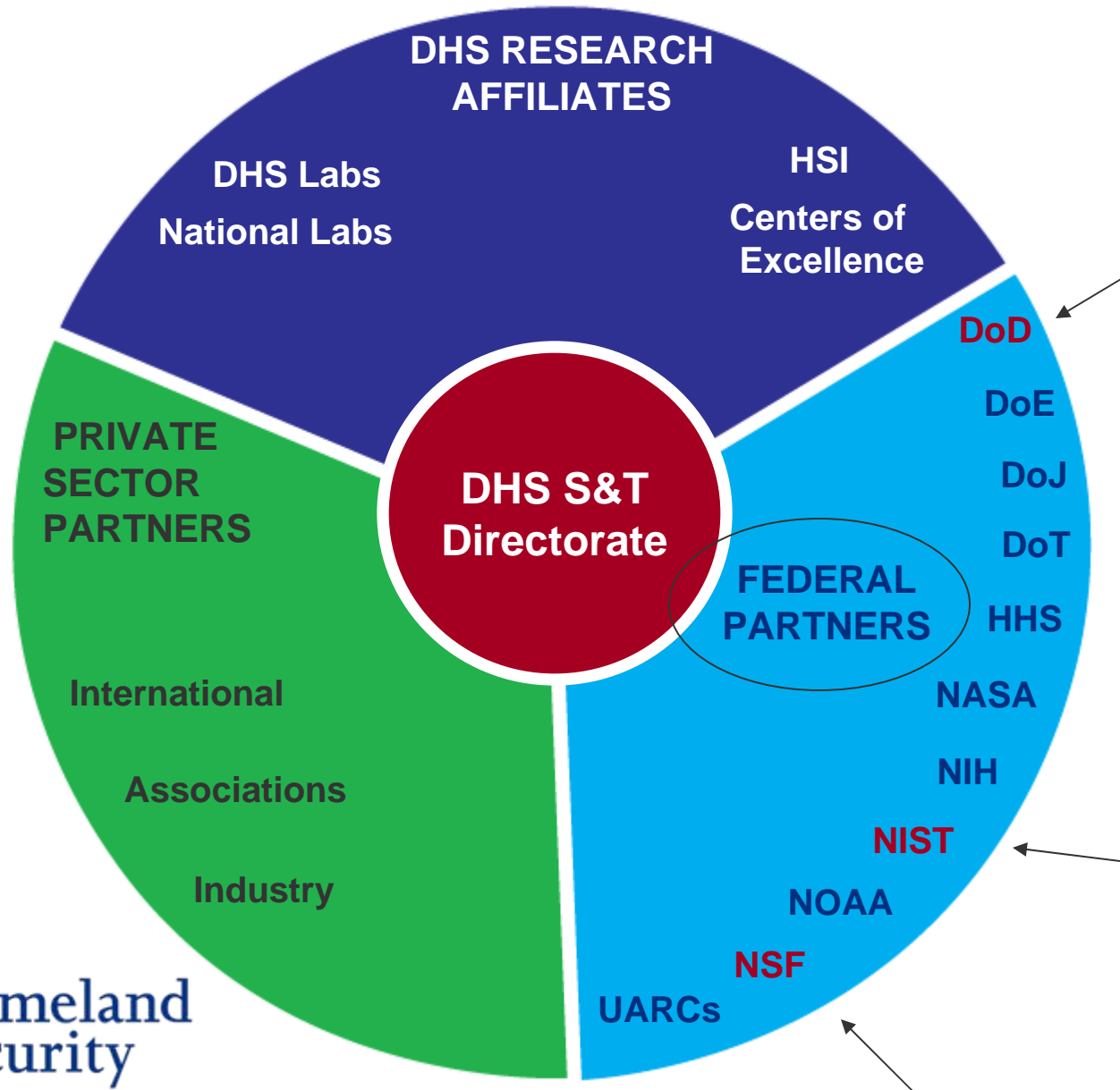
Susan Law
Mike Smith
Mary Hanson
Linda Vasta
Mitch Erickson

Geographic Assignments:

FEMA I and II
FEMA III and V
FEMA IV and VI
FEMA VII and VIII
FEMA IX and

Mitch Erickson
Mike Smith
Mary Hanson
Susan Law
Linda Vasta

Homeland Enabling Research Organizations



Homeland Security

Using the network for federal S&T partners:

NSTC



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NATIONAL SCIENCE AND TECHNOLOGY COUNCIL

Established by Executive Order 12881 of Nov. 23, 1993

Section 2. Membership.

The Council shall comprise the:

President, who shall serve as Chairman of the Council;
Vice President, Secretaries of Commerce, DOD, DOE, DHS,
HHS, State, DOI, Administrator of NASA, EPA
Director of NSF, OSTP, OMB
National Security Adviser;
Assistant to the President for Economic Policy;
Assistant to the President for Domestic Policy; and
Such other officials of executive departments and agencies as
the President may, from time to time, designate.



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NATIONAL SCIENCE AND TECHNOLOGY COUNCIL



COMMITTEE ON ENVIRONMENT & NATURAL RESOURCES		
AIR QUALITY RESEARCH (SC)	GLOBAL CHANGE RESEARCH/ CLIMATE CHANGE SCIENCE (SC)	US GROUP ON EARTH OBSERVATIONS (SC)
DISASTER REDUCTION (SC)	OCEAN SCIENCE & TECHNOLOGY (SC)	WATER AVAILABILITY & QUALITY (SC)
ECOLOGICAL SYSTEMS (SC)	TOXICS AND RISK (SC)	

COMMITTEE ON HOMELAND & NATIONAL SECURITY		
DECONTAMINATION STANDARDS & TECHNOLOGY (SC)	HUMAN FACTORS (SC)	STANDARDS (SC)
DOMESTIC IMPROVED EXPLOSIVE DEVICES (SC)	INFRASTRUCTURE (SC)	
FOREIGN ANIMAL DISEASE THREAT (SC)	NUCLEAR DEFENSE RESEARCH & DEVELOPMENT (SC)	

COMMITTEE ON SCIENCE		
AQUACULTURE (SC)	HUMAN SUBJECTS RESEARCH (SC)	RESEARCH BUSINESS MODELS (SC)
BIOTECHNOLOGY (SC)	LARGE SCALE SCIENCE (SC)	SCIENCE TO SUPPORT FOOD & AGRICULTURAL RESEARCH (TF)
DIGITAL DATA (IWG)	PHYSICS OF THE UNIVERSE (IWG)	SCIENTIFIC COLLECTIONS (IWG)
DOMESTIC ANIMAL GENOMICS (IWG)	PLANT GENOMES (IWG)	SOCIAL, BEHAVIORAL, ECONOMIC SCIENCES (SC)
EDUCATION & WORKFORCE DEVELOPMENT (SC)	PRION SCIENCE (IWG)	

COMMITTEE ON TECHNOLOGY		
AERONAUTICS (SC)	HYDROGEN & FUEL CELLS (IWG)	NANOSCALE SCIENCE, ENGINEERING & TECH. (SC)
BIOMETRICS & IDENTITY MANAGEMENT (SC)	INNOVATION & COMPETITIVENESS (SC)	NETWORKING & INFORMATION TECHNOLOGY (SC)
BUILDINGS TECHNOLOGY RESEARCH & DEV. (SC)	MANUFACTURING RESEARCH & DEVELOPMENT (IWG)	

Chaired by
DHS & DOD

New since 9/11



NATIONAL SCIENCE and TECHNOLOGY COUNCIL
COMMITTEE ON HOMELAND AND NATIONAL SECURITY (CHNS)



Subcommittees (SC)/Interagency Working Groups (IWG)/Task Forces (TF)

Decontamination Standards and Technology (DST) – SC- Charter Exp. 12/13

Co-Chairs: Elizabeth George (DHS), George Gray (EPA)
Executive Secretary: Tod Companion (DHS-contractor)
202-254-6619, tod.companion@associates.dhs.gov

Domestic Improvised Explosive Devices (D-IED) – SC – Charter Exp. 3/09

Co-Chairs: Ruth Doherty (DHS), Jeff David (CTTSO TSWG)
Executive Secretary: Sonja Rodriguez (DHS)
202-254-5867, Sonja.Rodriguez@dhs.gov

new



Electric Grid Vulnerability (EGV) – TF - Terms of Reference in Draft 10/08

Co-Chairs: Mike Aimone (DoD), Patt Hoffman (DOE)
Executive Secretary: Scott Push (DHS) – scott.pugh@dhs.gov

Foreign Animal Disease Threat (FADT) – SC – Charter Exp 3/09

Co-Chairs: Elizabeth George (DHS), Steve Kappes (USDA)
Executive Secretary: Anthony Ho (DHS-contractor)
202-254-5856, Anthony.Ho@associates.dhs.gov

Human Factors for Homeland & National Security (HFHNS)–SC–Charter Exp. 12/09

Co-Chairs: Sharla Rausch (DHS), Bob Foster (DOD), Scott Sarlin (ODNI)
Executive Secretary: Charlene Milliken (DHS)
202-254-5637, charlene.milliken@dhs.gov

Infrastructure (ISC) – SC - Charter Exp. 12/13– revised draft awaiting final signatures

Chairs: Mary Ellen Hynes (DHS), John G. Voeller (OSTP)
Executive Secretary: Gwen Hall (Hicks & Assoc-contractor.)
571-239-3081, Gwendolyn.m.hall@saic.com

Nuclear Defense Research and Development (NDRD) – SC - Charter Exp. 3/09

Chair: Tammy Taylor (OSTP)
Executive Secretary: Charles Morin (DTRA A&AS Contractor)
703-767-4030, Charlie.Morin_contractor@dtra.mil

Standards – SC - Charter Exp. 12/13 – draft awaiting final signatures

Co-Chairs: Bert Coursey (DHS), _____?
Executive Secretary: Tod Companion (DHS-contractor)
202-254-6619, tod.companion@associates.dhs.gov



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Sec**

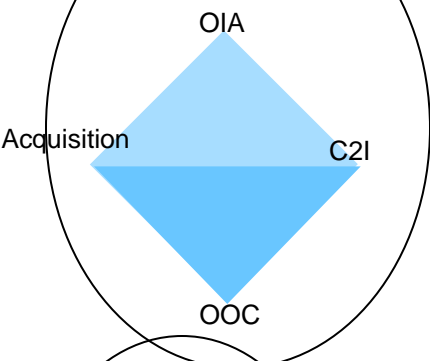
**We reinforce existing procedures
and work with existing networks.**

(No free-lancing!)

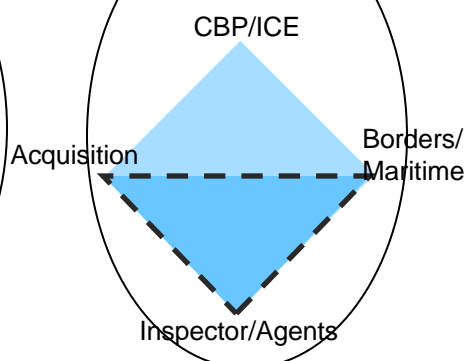
DHS Requirements/Capability Capstone IPTs

DHS S&T Product – “Enabling Homeland Capabilities”

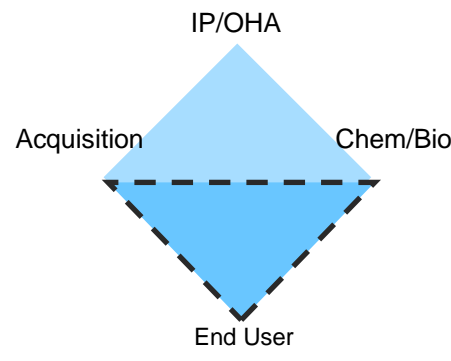
Information Sharing/Mgmt



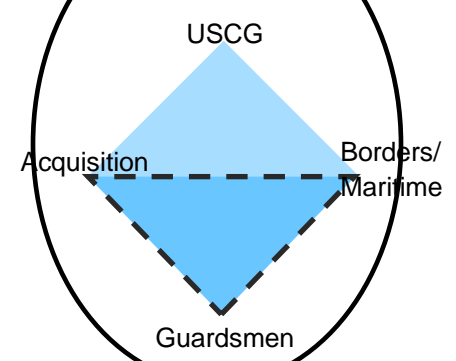
Border Security



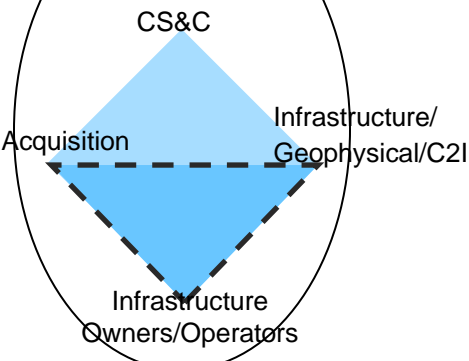
Chem/Bio



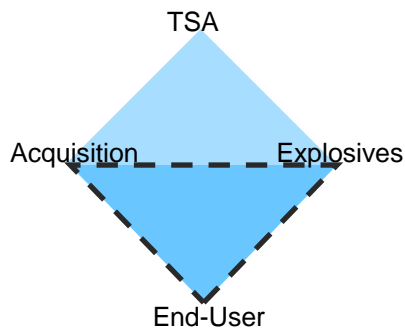
Maritime Security



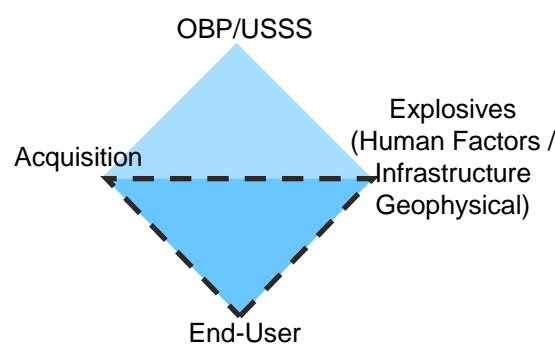
Cyber Security



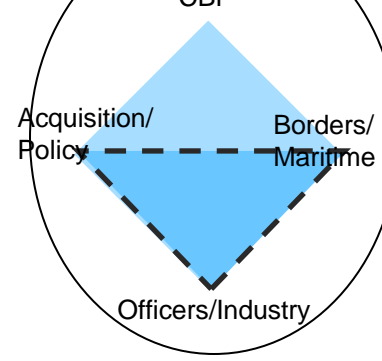
Transportation Security



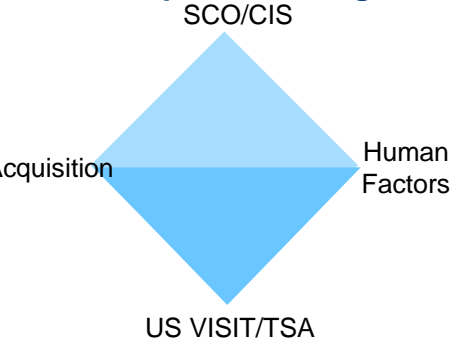
Counter IED



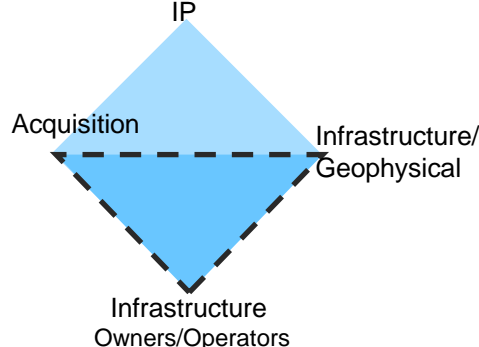
Cargo Security



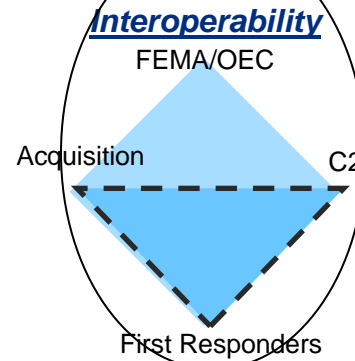
People Screening



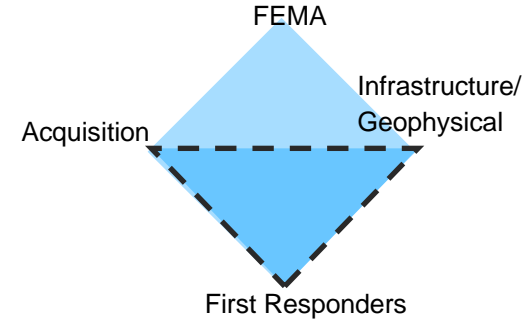
Infrastructure Protection



Incident Management

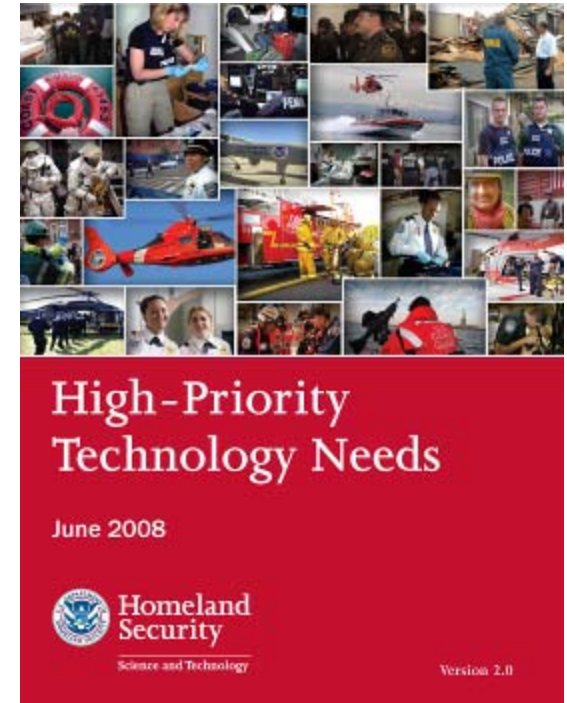


Prep & Response



High Priority Technology Needs

- S&T investments are tied directly to the technology needs of our customers, represented by leadership of DHS components, and *their* customers on the front lines of homeland security
- Requirements are updated on annual cycle aligned with DHS funding and acquisition processes
- ***New!*** Updated High Priority Technology Needs booklet identifying 94 technology needs of DHS components and their customers



Customer Focused...Output Oriented

Doing Business with DHS S&T

Broad Agency Announcements (BAA)

Current Solicitation Topics

- Long Range BAA → addresses needs of 6 S&T divisions
- Explosives Detection
- Communications and Maritime Safety
- Unified Incident Command & Decision Support, Ph. 2 – Prototype Design and Pilot Development

Examples of Past Topics

- CELL ALL – Ubiquitous chem/bio sensing
- First Responder Reliable Link (First NET)
- Cyber Security R&D
- Biometric Detector
- Home Made Explosives

Visit FedBizOpps: www.fbo.gov



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Laboratory Alignment

S&T DIVISIONS						
	Explosives	Chemical/Biological	Command, Control & Interoperability	Borders/Maritime	Human Factors	Infrastructure/ Geophysical
DOE	LANL PNNL SNL NTS INL	LLNL SNL ANL LANL PNNL LBNL SRNL	LANL LLNL PNNL ORNL NTS INL LBNL NREL	LLNL SRNL BNL NREL	ANL BNL ORNL SNL	ORNL ANL INL BNL LBNL NREL
DHS		PIADC NBACC		USCG R&D Center		
Other			NASA	NASA	NASA	NOAA



Standards/Test and Evaluation
TSL / EML



Regional Homeland Security S&T Summits

Northwest – May 08 - Pacific Northwest National Lab

West – Jan 09 - Nevada Test Site

Southeast – March 09 - Y12 DOE Facility

Northeast – Apr 09 - Brookhaven National Lab



**Homeland
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About our new First Responder Program...

Mission

Provide S&T *liaison, collaboration and coordination*

... with *federal, state, county, tribal and local* ...

... *law enforcement, fire, EMS, explosive ordinance disposal, hazmat, search and rescue workers*

Includes collaboration with regional, state and local *fusion/emergency operations centers and offices of emergency management*



**Homeland
Security**

POC: Bray Barnes

About our new First Responder Program...

First Responder Council

To *coordinate initiatives and share information*

Engage First Responder *leadership*

Includes directorate-wide *communication plan*



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Security**

POC: Bray Barnes

Interagency Coordination ... Extending the Reach

- Because Congress tells us to...
- Because our budgets have limits...
- Because duplication exists...
- Because the taxpayers deserve it...

Because it's the right thing to do



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